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<p>in required Data Structures/Co mputer Science II classes, and C++ is the language they use. Adhering to the new ISO standard for C++ (which has rendered previous C++ guides obsolete) Schaum's presents the most up-to- date study guide on Data Structures, simplifying and demonstrating difficult concepts through solved problems and examples. PHI Learning</p>	<p>Pvt. Ltd. This book has been designed for B.E., M.C.A., B.C.A. or M.Sc Students of most Indian universities as well as those preparing for C-related aptitude tests and interviews. <b>Object- Oriented Data Structures Using Java</b> Schaum's Outline of Data Structures with Java, 2ed A complete guide on using data structures and algorithms to write sophisticated</p>	<p>C# code Key Features Master array, set and map with trees and graphs, among other fundamental data structures Delve into effective design and implementatio n techniques to meet your software requirements Explore illustrations to present data structures and algorithms, as well as their analysis in a clear, visual manner. Book Description Data structures allow organizing</p>
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data efficiently. They are critical to various problems and their suitable implementation can provide a complete solution that acts like reusable code. In this book, you will learn how to use various data structures while developing in the C# language as well as how to implement some of the most common algorithms used with such data structures. At the beginning, you will get to

know arrays, lists, dictionaries, and sets together with real-world examples of your application. Then, you will learn how to create and use stacks and queues. In the following part of the book, the more complex data structures will be introduced, namely trees and graphs, together with some algorithms for searching the shortest path in a graph. We will also discuss how to organize the

code in a manageable, consistent, and extendable way. By the end of the book, you will learn how to build components that are easy to understand, debug, and use in different applications. What you will learn How to use arrays and lists to get better results in complex scenarios Implement algorithms like the Tower of Hanoi on stacks of C# objects Build enhanced applications

by using  
hashtables,  
dictionaries  
and sets Make  
a positive  
impact on  
efficiency of  
applications  
with tree  
traversal  
Effectively  
find the  
shortest path  
in the graph  
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The broad, yet in-depth coverage of C programming language, within the context of today's C programming style, makes this book as useful for practicing professionals as it is for beginning programmers. This study guide solves many sample problems using other programming languages so readers can compare several popular languages. It also includes clear explanations

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textbook offers a comprehensive, definitive introduction to data structures in Python by authoritative authors. Data Structures and Algorithms in Python is the first authoritative object-oriented book available for the Python data structures course. Designed to provide a comprehensive introduction to data structures and algorithms, including their design, analysis, and

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